

Title (en)
WORK MACHINE

Title (de)
ARBEITSMASCHINE

Title (fr)
MACHINE DE TERRASSEMENT

Publication
EP 3812514 A1 20210428 (EN)

Application
EP 19861087 A 20190607

Priority
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Abstract (en)
A work machine includes: a plurality of actuators that drive a work device; a posture sensor that senses postural data about the work device; and a controller having a degree-of-proximity calculating section that computes a degree of proximity that is an index value indicating proximity between an intrusion prohibition region and the work device on the basis of positional data about the intrusion prohibition region and the postural data, and a control command section that, when the proximity specified by the degree of proximity is closer than proximity specified by a degree-of-proximity threshold, executes operating area limiting control to decelerate at least one of the plurality of actuators such that an intrusion of the work device into the intrusion prohibition region is prevented. The controller stores history data about the degree of proximity calculated at the degree-of-proximity calculating section, and alters the degree-of-proximity threshold on the basis of the history data about the degree of proximity.

IPC 8 full level
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CPC (source: EP KR US)
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E02F 9/24 (2013.01 - EP KR US); **E02F 9/26** (2013.01 - KR); **E02F 9/262** (2013.01 - EP); **E02F 9/265** (2013.01 - EP US);
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Designated contracting state (EPC)
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Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 3812514 A1 20210428; **EP 3812514 A4 20220302**; **EP 3812514 B1 20230510**; CN 112513378 A 20210316; CN 112513378 B 20220930;
JP 2020041388 A 20200319; JP 7093277 B2 20220629; KR 102459283 B1 20221027; KR 20210018451 A 20210217;
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